OPERATING MANUAL

RCH

MALTA VERSION

RCH ONDA FISCAL CASH REGISTER IS AVAILABLE IN THE FOLLOWING TWO CONFIGURATIONS:

- **(1) Configuration for hawkers**
- **(2) Configuration for outlets with availability of the electrical power**

Contents of the package

- **RCH ONDA**
- **This use manual (user's manual)**
- **Fiscal booklet**
- **Manufacturer's declaration of conformity**
- **User's declaration form for the start up of the fiscal measurer**
- **12Vcc 2.7Ah (20Hr) back up battery with connection cable to the device and AC/DC 230Vca – 24 Vcc 1A battery charger (1)**
- **E.J. (electronic journal) on MMC RCH original memory support**

- **AC/DC 230Vca – 12Vcc 3A feeder, GFP361DA-1230 GFT model *(2)* and related network cable**
- **Vin 12V ±2V car feeder cable for electric lighter plug with TF3,15A shield *(RCH Onda for hawkers market only)***

Available optional accessories:

- **Transportation case**
- **Drawer**

(1) Supplied with RCH Onda only in its configuration for hawkers, to be used only as battery charger, not approved to be directly connected to the machine.

(2) Supplied with RCH Onda only in its configuration for with availability of the electric power.

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Any copies or reproductions are prohibited
This manual is subject to regular amendments and updating by RCH, as, on the other hands, the machines specifications and features.

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1 GENERAL DESCRIPTION

ONDA Cash Register offers a high level of performance and management of your business and features speed and ease to use.

ONDA is equipped with two liquid crystal displays able to view 2 lines consisting of 16 alphanumerical characters (clerk's side display) and 1 line of 16 alphanumerical characters (customer's side display).

The keypad, with its 45 re-programmable key is manufactured so that it may suit the most diversified need of the industry which this products addresses to.

This instrument is equipped with a high performances thermal printer able to print any graphics (as an example, your business logo) with a high operating speed. It does not require any ink ribbon as in the case of traditional printers, thus, avoiding a troublesome regular replacement operation, achieving a decrease of its management and operating costs and, further, offering an always-perfect printout quality.

The traditional paper journal is replaced a specific MMC card memory ensuring more reliability, safety, use practicality, and a higher operating economy. All this with smaller dimensions.

ONDA allows fully managing your business:

- By keeping in the memory the sales of 10 departments;
- By managing up to 1000 PLU (pre-memorised prices);
- By managing 4 clerks (to allow the "monitoring" of the work).

The functional particularities related to the version for hawkers and those related to the outlets are the same.

1.1 SECURITY NORMS AND REGULATIONS

This instrument is suitable to certify the trade operations performed on public areas (hawkers). Use the battery charger - AC230V 50Hz/24VDC feeder only in protected environment, meaning in closed areas, far from rain and humidity. The machine is waterproof according to the current provisions, IPX1 waterproof level. Long exposures under heavy rain.

Whereas RCH authorised technicians solely must install RCH ONDA, it is reminded that for proper operations the following instruction must be complied with:

- Upon installation verify that the power plug is close to the machine and may be easily accessed during the normal operations of the machine.
- Only connect original feeders provided for this machine. Any different type feeder may damage the machine or prevent its proper operations.
- Do not place ***ONDA*** in unstable surface. It may fall and seriously get damaged.
- The machine includes a LITHIUM battery that may be recharged. For its replacement it is necessary to address solely the RCH authorised technicians.
- Avoid the operations of the machine in places too cold or hot or hit by solar rays for long time (proper operations are ensured at temperature between -10°C and 45°C). Do not use, in the open air, a machine installed for the use in closed environment.
- The fiscal measurer provides for the warning of the coming exhausting of the rolls through visual warning. Therefore, rolls with coloured ends must be used.
- Only connect drawers with original change return.
- The use of any non-original accessories or spare parts would cancel the right to the warranty.
- In case of malfunctioning of the machine, please address a service centre authorised by RCH.

In case of any faults or malfunctioning preventing the proper operations of the machine from the fiscal standpoint, the cash register blocks and a short message would appear on the display. An acoustic message is also heard.

In these cases the machine must be switched off and the technical assistance service of the RCH Authorised Centre must be asked for.

The machine must undergo a revision (preventive maintenance) at least once a year or, in any case, not over one year from the date of the last service performed as resulting from the fiscal book.

When the Fiscal Memory is about to finish, on the heading to the receipts of the daily setting to zero would appear the message “fiscal memories near to finish – XX closures”.

Such message is printed starting from 60 setting to zero before the completion of the Fiscal Memory and, therefore, the user gets the warning about two months before.

OTHER WARNINGS:

RCH Onda fiscal cash register is equipped with thermal printer. Therefore it must utilise approved thermal paper stating both the details of the approval and the due date, according to the contents of the Ministerial Decree (D.M.) issued by the italian Ministry of Finance on 30/03/92, attachment E. Furthermore, the user must keep the documents provided for under the Law, in dark places with relative humidity of less than 80% and a temperature of less than 35°C, thus avoiding the direct contact with plastic materials and, particularly, with polyvinyl chloride.

RCH recommends the use of the following thermal papers: Mitsubishi F 5041, or JUJO THERMAL AF 50 KSE.

The daily fiscal receipts must be kept for 10 years from their issuing date, while the E.J. memory (Multiple Media Card support, specific and certified by RCH) must be kept for two years from the date of the last recording (fiscal receipt).

Machine consistent with norms and regulations CE

2 MAIN FEATURES

Feeding: AC/DC power supply 230Vac, CC12V 3A adapter (supplied in the configuration by outlet)

Thermal printer: ELM208 - APS
Printing speed: 80 mm/s – columns number: 24 - MTBF: 50 Km . (Alternatively, the printer CP295 – APS – speed 80 mm/s – columns number: 24 - MTBF: 50 km is provided for as an alternative)

Thermal paper rolls: 57,5 ± 0,5 mm max diameter 45 mm .

Clerk's side display: LCD display (2 lines of 16 alphanumerical characters).

Customer's side display: LCD display (16 alphanumerical characters).

Operating temperature: -10 ÷ 45 °C .

REPORTS:

- Fiscal daily report
- Department daily and periodic
- PLU daily and periodic
- Clerks daily
- VAT daily and periodic
- Hourly daily
- Financial daily (CASH, Credits, Total 3)

OPTIONAL KIT:

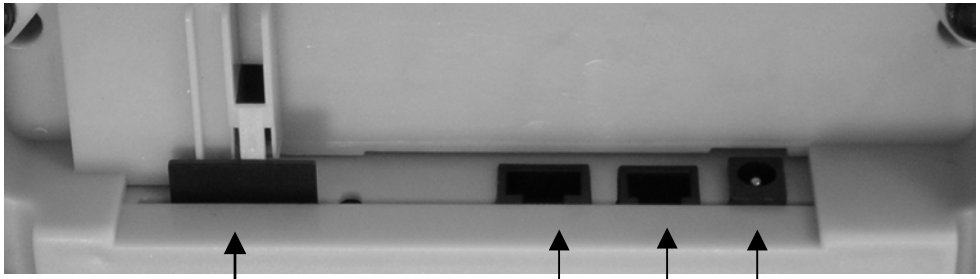
- Transportation case
- PC Software, equipped with adapter cable for the scanner and the PC
- Cash drawer
- Feeding cable for cars
- Battery - Battery charger

PROGRAMMING:

- Department number: 10
- Plu number: 1000
- Payment total: 3
- Clerks number: 4
- VAT number: 5
- Report printout enabling
- Date/Time
- Heading messages and courtesy receipt
- Store logo: 1 entered through PC
- Halo logo: 1 entered through PC and 4 of default

3 VIEW AND DIMENSIONS

3.1 VIEW OF THE CONNECTORS HOUSING



MMC (E.J. electronic journal) Electronic

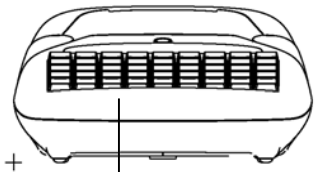
12 V DC feeding

Connector for SCANNER and RS232 serial cable

Drawer connector

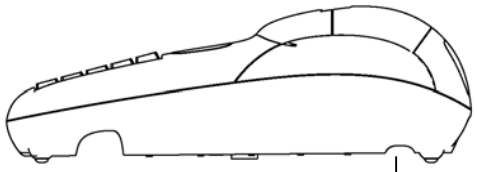
3.2 VIEW OF THE MACHINE

FRONT VIEW



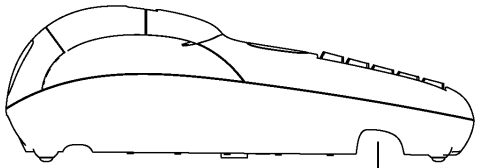
KEYPAD

LATERAL RIGHT VIEW



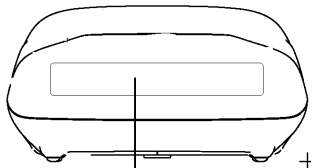
MMC AND CONNECTORS

LATERAL LEFT VIEW



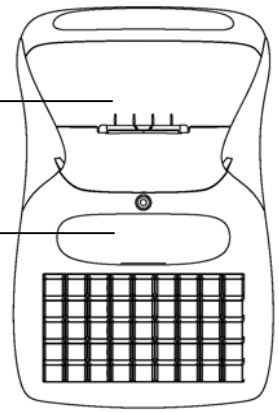
SWITCH

REAR VIEW



CUSTOMER DISPLAY

UPPER VIEW



VOUCHER EXIT

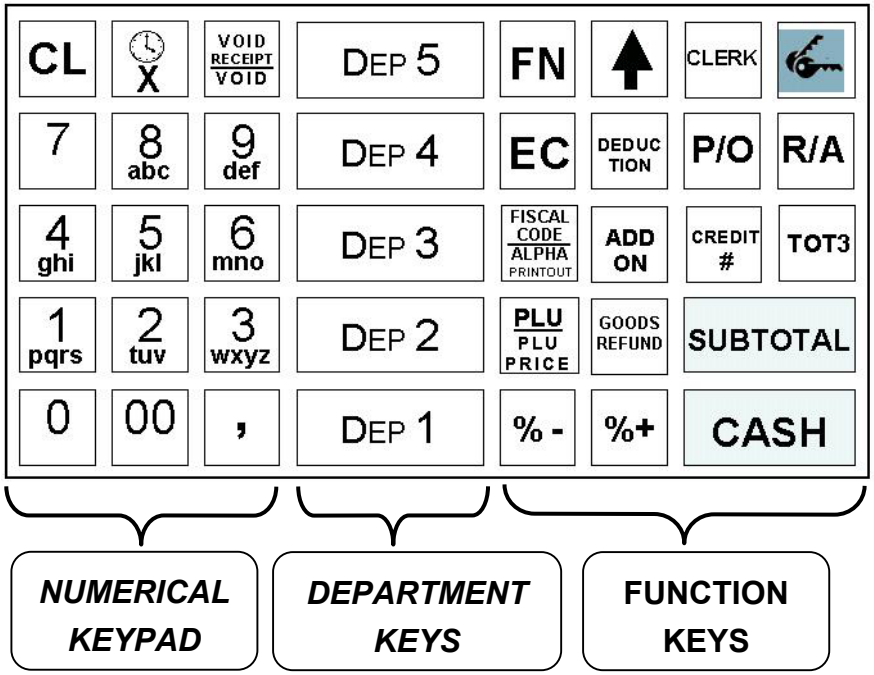
CLERK DISPLAY

3.3 DIMENSIONS OF THE MACHINE

Width: 222 mm
Depth: 346 mm
Height: 114 mm

4 KEYPAD

A keypad that allows manually performing all the fiscal functions guarantees Onda operations. The following configuration is proposed as standard. However, it may freely be changed by placing the keys into different positions or by adding other departments. Contact assistance if you need to change configuration keys.



Use the numerical keypad to enter the letters as commonly made with the portable telephones, using the printing on the keys. As an example, by pressing the key 1 character "1" would be displayed, by repeatedly pressing the same key, the character entered changes and would become P, Q, R, and S, then to become again 1. Should the next letter be on the same key, wait a few seconds to allow the cursor to automatically advance one position to enter the next character.
To change any entered character use the following function keys:

[%+] = *moving the cursor to the right*

[%-] = *moving the cursor to the left*

[CL] = *cancel the entire line*

[7] = *character "7" or "SPACE"*

[0] = *charater* "0", *or (in sequence)* " / . : , ; ' - = ( ) % & ! ? + * @ "

4.1 KEYS FUNCTION

KEY	*Name*	*Function definition*
	KEY	Key to select the operating mode (REG - X - Z - PRG) and for lock keyboard.
CLERK	**CLERK (OPERATOR)**	Key to enter the code and the change of the cash counter clerk
	PAPER FEED	Key to advance the receipt paper
FN	**FUNCTION**	Alternate function key. Press, previously, by one of the key with associated double function, would allow entering the second function. **Example:** pressing key **FN** *Before key* **PLU** / **PLU PRICE** *The function **PLU PRICE** is utilised Instead of **PLU function***
DEP 1	**DEPART. (N)**	Key utilised for the recording of the items by previously entering the price.
VOID RECEIPT VOID	**Receipt VOID**	Key utilised to cancel the current receipt not completed yet by the mean of one of the closure keys (CASH (CASH) , Credits o Total 3).
	VOID	Key utilised to reverse an amount of a specific department.
X	**X \ TIME**	The key puts together two different functions directly accessible *(it is of no use to press FN key to select X or Time)*: the first function displays the time, should the key be pressed with no fiscal receipt. The second function multiplies the set quantity by the amount associated with the department/PLU, during the recording of a fiscal receipt.
CL	**CLEAN DISPLAY**	Key used to cancel a data before recording it onto the memory of a department or PLU. Also, utilised to correct keying errors, if any, or to remove acoustic messages or on display, if any.
	NUMERICAL KEYPAD with ALPHABETIC function	The numerical keypad allows entering numerical and alphanumerical information, useful to print the fiscal receipt *(keying for the printout of the Customer's Fiscal Code onto the fiscal receipt)* and for the programming operations of the fiscal numerator.

KEY	Name	Function definition
EC	**CANCEL**	Key utilised to cancel the last recording entered onto the department memory or of a PLU.
DEDUC TION	**DEDUCTION**	Key utilised to deduct a value from the memory of the last department or of the current fiscal receipt PLU (open). If utilised after the SUBTOTAL it would affect proportionally all the items (departments and/or PLU) of the current fiscal receipt.
P/O	**PAID OUT**	"Management" key to record the paid out (collection) of cash or cheques from the cash counter (management/control of cash in the drawer).
R/A	**RECEIVE AMOUNT**	"Management" key to record the received amount (placing cash funds upon opening of the outlet) of cash into the cash counter (management/control of cash in the drawer).
FISCAL CODE ALPHA PRINTOUT	**FISCAL CODE**	Key utilised to print the Fiscal Code (talking receipt) within a fiscal receipt. The fiscal code follows the acronym C.F. according to the current law.
	ALPHABET PRINTOUT	Key utilised to print information segregated from the contents of the fiscal receipt, following the character "#"
ADDON	**INCREASES**	Key used to add a value onto the memory of the last department or PLU of the current fiscal receipt (open). If utilised after the SUBTOTAL it would affect proportionally all the items (departments and/or PLU) of the current fiscal receipt.
CREDIT #	**TOTAL 2 OPEN DRAWER**	Key to close a sale against a consideration that is not paid cash (credit). If the key is pressed outside the recording of the fiscal receipt it works as **drawer opener.**
TOT 3	**TOTAL 3**	Key to close the recording of a sale against consideration (transaction) once consideration is paid. The name of the key may be programmed thus allowing the definition of the kind of payment (cheques, credit card, bancomat ATM or others) and the access of cash into the drawer (change function).
PLU PLU PRICE	**PLU**	Key to record the sale of a specific item memorised onto the machine with unit code and price. The PLU code may be accessed with the prior keying of the given code or scanner reading.
	PLU Price	Key to enter manually the price of a specific PLU during the current sale (open fiscal receipt)

KEY	Name	Function definition
GOODS REFUND	**GOODS REFUND**	Key to perform the recording of the amount of a change, if any, onto the memory of a given department. The deduction is allowed provided that the total of the receipt is not negative.
SUB TOTAL	**SUBTOTAL**	Key utilised to print and view the Subtotal of a receipt. If pressed outside a fiscal transaction would calculate and display the amounts of the last two receipts.
%-	**% DEDUC TION**	Key utilised for the deduction (discount) of an amount (price) after recording a given department. **When in X, Z, and P operating mode, the key allows selecting, thanks to a menu by circular sliding, certain functions of printout, reading, closing and programming.**
%+	**% ADDON**	Key utilised for the increase (price) of an amount (price) after recording a given department. **When in X, Z, and P operating mode, the key allows selecting, thanks to a menu by circular sliding, certain functions of printout, reading, closing and programming.**
CASH	**TOTAL 1**	Key utilised to close a fiscal receipt (Sale) with payment by CASH money. If pressed once finished with the fiscal receipt, it would view the total amount of the last fiscal receipt. If, instead, is pressed after entering an amount, it allows calculating the change, if any (on display only).

5 DISPLAY AND VIEWING

Onda is supplied with two displays, one on the clerk's side and the other on the customer's side.

Clerk's display: 2 alphanumerical lines x 16 characters (fig. 1)

Customer's display: 16 alphanumerical characters

(Fig. 1) Clerk's display

5.1 MODES INDICATION'

MODALITIES	DESCRIPTION
0 KEY	Keypad locking
1 KEY **REG**	Operating mode (recording)
2 KEY **X**	Reading with fiscal daily reports– statistics
3 KEY **Z**	Printout/Fiscal daily reportsof the financial, of the cash counter sold, etc.
4 KEY **PRG**	Programming (PLU, Departments, Financial, etc.)

To select a mode it suffice to enter the number of the mode to activate followed by the key **KEY (KEY)**. (As an example, to set up the programming: *4 and KEY*). When we are in a mode other than Recording, it is possible to select one of the functions wished for through the two sliding keys %+ e %- .

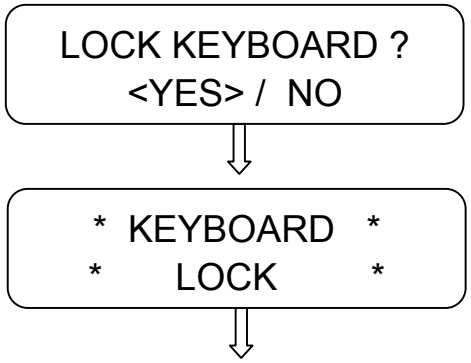
According to the mode where the machine is, the clerk's display will inform of it by displaying the related identification on the upper left hand.

Once the menu is accessed through the keys %+ o %-, the display shows on the upper line the type of display that may be selected through sliding (see the following figure carrying an example of display in Z mode).

To exit the menu, press the key St.Scontr./ STORNO (Void receipt/VOID).

5.2 KEYPAD LOCKING

To avoid any involuntary recording or to prevent the non-authorised personnel from using Onda without, necessarily, switching off the cash counter, use procedure "**0**" and key **KEY** from any modalities (REG – X – Z – PRG). The display would show:



By pressing the key CASH the keypad use is blocked (pre-selected value "YES"), otherwise by pressing the key %+ and CASH it gets back to the previous mode.

To use the keypad again, it suffices pressing the sequence of the keys to enter one of the four modes (example. 1 and KEY).

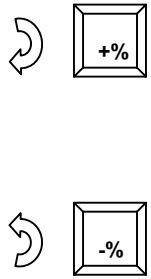
NOTE: if on display there is only value **0,00** it is possible to lock and then unlock the keypad by pressing one after the others the keys KEY and CASH.

6 PROGRAMMING (PRG)

To access the menu programming enter keys **4** and **KEY**

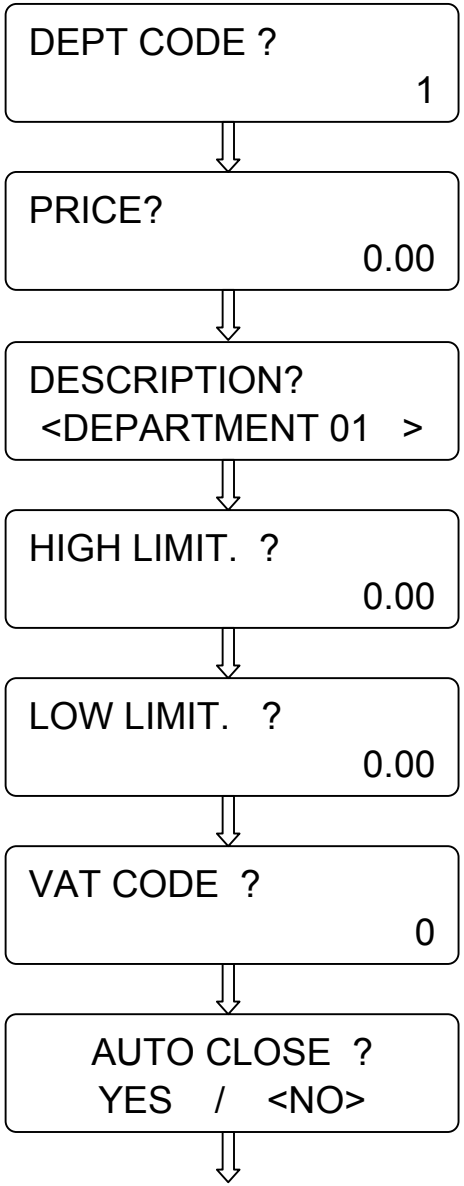
- Move from a function to the other using the key **%+** *forward* and **%-** *backward.*
- To select the programming function press CASH
- To return the main menu press the key VOID REC./VOID
- To exit the menu PRG and to return in REG press 1 + KEY

PROGRAMMING MENU	
PROGRAMMING	**DEPARTMENTS**
PROGRAMMING	**PLU**
PROGRAMMING	**PAYMENT TYPE**
PROGRAMMING	**CLERKS**
PROGRAMMING	**VAT BRACKETS**
PROGRAMMING	**% INCREASE**
PROGRAMMING	**% DECREASE**
ENABLING TO DAILY STATISTICS PRINTOUT	
PROGRAMMING DATE / TIME	
PROGRAMMING RECEIPT HEADING	
PROGRAMMING PRESSURE FOOT (Logo printout at the end of receipt)	
PROGRAMMING	**MESSAGES TO CUSTOMER**
PROGRAMMING	**DRAWER IMPULSE**
PROGRAMMING	**LCD CONTRAST**
PROGRAMMING	**LCD LIGHTING**
PROGRAMMING RECAPITULATION PRINTOUT	
PROGRAMMED PLU RECAPITULATION PRINTOUT	



6.1 DEPARTMENTS PROGRAMMING

In **PRG** (4 + KEY) press **%+** to display ***Departments***.
Press CASH to start programming the departments:



A) Enter a value from 1 to 10 and press CASH

B) Enter the price to associate to the key of the given Department and press CASH

C) Enter the description using the numeric keypad, entering max 12 characters and press CASH (see chapter 4).

D) Enter the max value that a department may accept and press CASH. If zero, no limit.

E) Enter the minimum value that the department may accept and press CASH. If zero, no limit.

F) Associate a VAT code to the department and press CASH (see chapter 6.5).

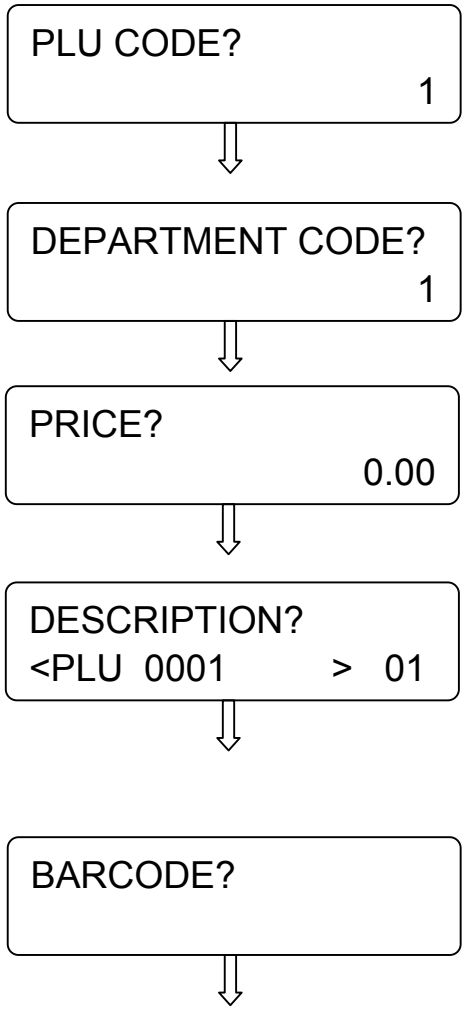
G) Using key %+ and %- enable or not enable the single entry on the department and press CASH

The display sets for the next programming of another department. Repeat the sequence to program the next PLU.
To exit the program departments function press VOID REC./VOID .

6.2 PLU PROGRAMMING

In **PRG** (4 + KEY) press **%+** until ***PLU*** is displayed

Press CASH to start programming the PLU:



A) Enter a value from 1 to 1000 then press CASH

B) Enter the associated department code and press CASH

C) Enter the price to associate to PLU and press CASH

D) Enter the PLU description using the numeric keyboard, entering max 12 characters) then press CASH. (See chapter 4)

E) Enter by keying or using the scanner, the barcode to associate to the PLU (EAN8/13 and UPC) and press CASH.

The display sets for the programming of another PLU. Repeat the sequence to program the next PLU. To exit press VOID REC./VOID .

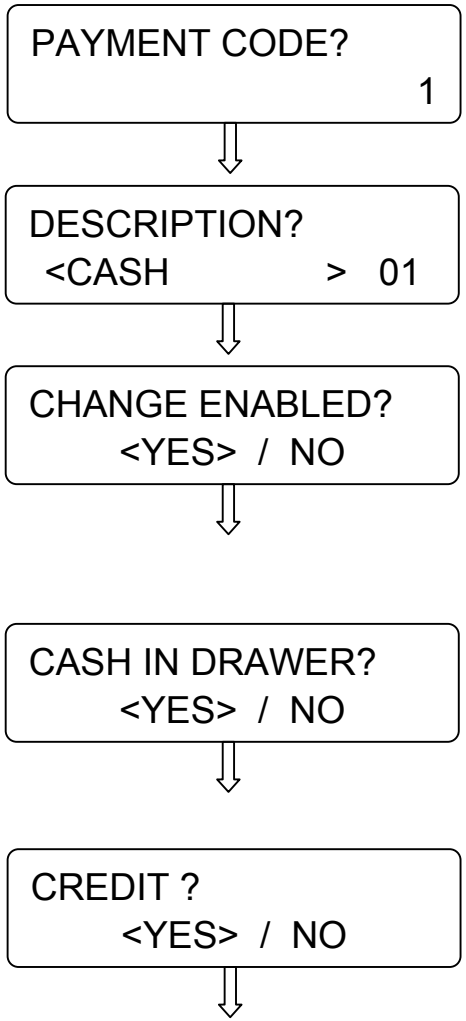
Note: the 1000 PLU may be loaded through PC using the optional software.

6.3 PAYMENT TYPES PROGRAMMING

With Onda it is possible to use up to three different Totals for the payment.

In **PRG** (4 + KEY) press **%+** until ***Payments*** is displayed.

Press CASH to start programming:



A) Enter a value from 1 to 3 and press CASH

B) Enter the description of the Type of payment using the numerical keypad entering a max of 12 characters and press CASH. (See chapter 4)

C) Choose with the keys %+ and %- whether or not payment must be authorised with change management and confirm through CASH.

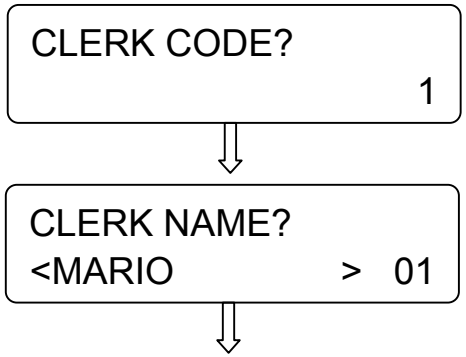
D) Choose through keys %+ and %- if the Total increases the CASH Counter Adding Device and confirm through CASH.

E) Choose through the keys %+ and %- if credit payment must be enabled and confirm with CASH.

The display sets for the next programming of a payment type. Repeat the sequence to program the next ones. To exit the program “Payments” function press VOID REC./VOID .

6.4 CLERKS PROGRAMMING

In **PRG** (4 + KEY) press **%+** until ***Clerks*** is displayed. Press CASH to start the programming:



A) Enter a value from 1 to 4 then press CASH

B) Enter the clerk's name using the numerical keypad, entering a max of 12 characters and press CASH. (See chapter 4)

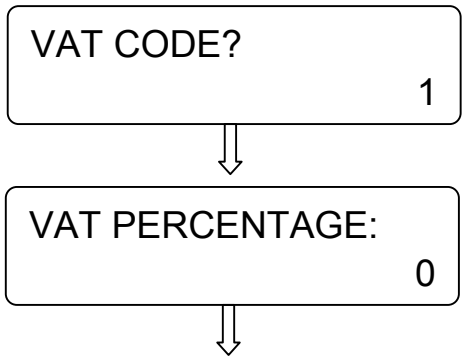
The display sets for the next programming of another clerk. Repeat the sequence to program further clerks. To exit to program "Clerks" function press VOID REC./VOID .

6.5 VAT PROGRAMMING

****** WARNING ******

1. **You can program VAT after a fiscal daily report.**
2. **The data programmed with the following function are memorised onto the fiscal memory. You can program max 50 times the VAT; then the ECR will show FULL MEMORY.**

In **PRG** (4 + KEY) press **%+** until ***VAT %*** is displayed. Press CASH to start programming:



A) Enter a value from 1 to 4 and press CASH (VAT E is exempt VAT)

B) Enter the VAT percentage and confirm with CASH.

The display sets for the next programming of another VAT code. Repeat the sequence to program further VAT. To exit the PRG IVA function press ST.SCONTR. /STORNO .

6.6 PERCENTAGE OF INCREASE

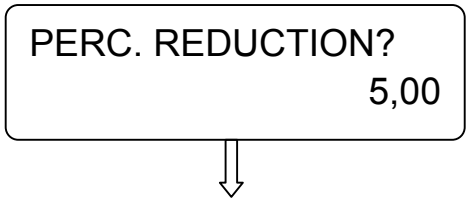
In **PRIG** (4 + KEY) press **%+** until ***Add-on %*** (Increase Percentage) is displayed. Press CASH to start programming the value to associate to the key %+ :

Enter the percentage of increase with two decimal figures and press CASH.

The display exits the programming displaying again "*Add-on %"*. To exit the function, press the key VOID REC./VOID .

6.7 PERCENTAGE OF DECREASE

In **PRG** (4 + KEY) press **%+** until ***Discount %*** (Decrease Percentage). Press CASH to start programming the value to associate
to key %- :

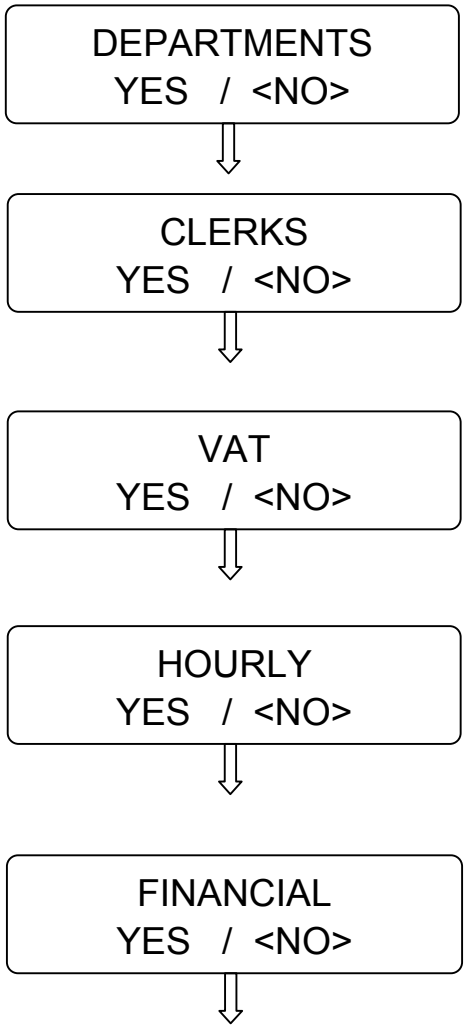


Enter the discount percentage carrying two decimal figures and press CASH.

The display exits the programming by displaying again "*Discount %"*. To exit the function, press the key VOID REC./VOID .

6.8 STATISTICS PROGRAMMING

In **PRG** (4 + KEY) press **%+** until ***Daily stat.*** (Daily Statistics). Press CASH to start programming:



A) Choose through keys %+ and %- if DEPARTMENTS report printout must be enabled. Choose SI (YES) or NO then press CASH.

B) Choose through keys %+ and %- if the CLERKS report printout must be enabled. Choose SI (YES) or NO then press CASH.

C) Choose through keys %+ and %- if the VAT report printout must be enabled. Choose SI (YES) or NO then press CASH.

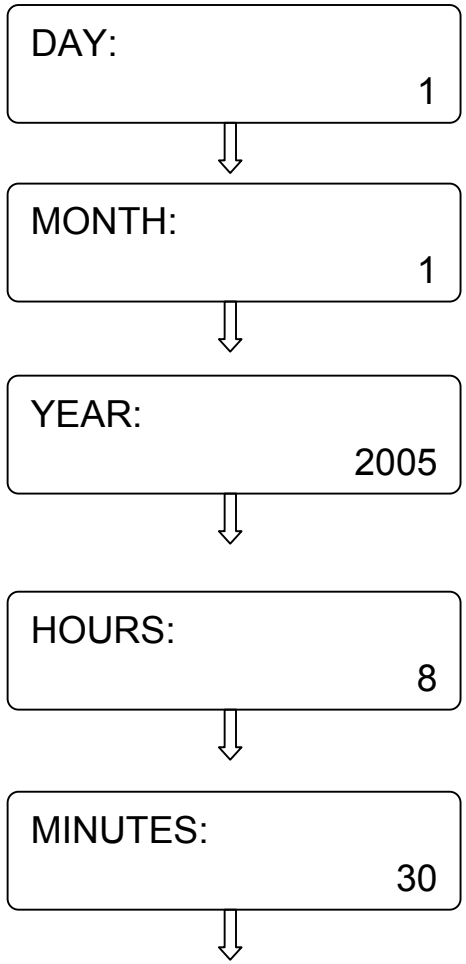
D) Choose through keys %+ and %- if the TIME report printout must be enabled. Choose SI (YES) or NO then press CASH.

E) Choose through keys %+ and %- if the FINANCIAL report printout must be enabled. Choose SI (YES) or NO then press CASH.

The display leaves the programming displaying again "*Daily stat.*". To exit the function, press VOID REC./VOID .

6.9 DATE/TIME

In **PRG** (4 + KEY) press **%+** until ***Date/Time*** is displayed. Press CASH to start programming (after the fiscal daily report):



A) Enter a value from 1 trough 31 referred to today, then press CASH

B) Enter a value from 1 to 12 referred to this month then press CASH

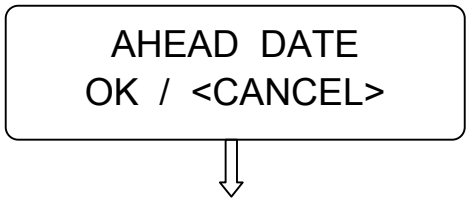
C) Enter this year with 4 figures, then press CASH

D) Enter a value from 0 to 23 referred to the current time, and then press CASH

E) Enter a value from 0 to 59 referred to the minutes of the current hour, and then press CASH

The display exits the programming displaying again "*Date/Time*". To exit press VOID REC./VOID .

NOTE: if the display, after entering the date and the time, showed the following message, it would mean that any set date, in respect of the last fiscal daily report done, is higher than tree days.



Choose through keys %+ and %- whether to confirm the set data then press CASH

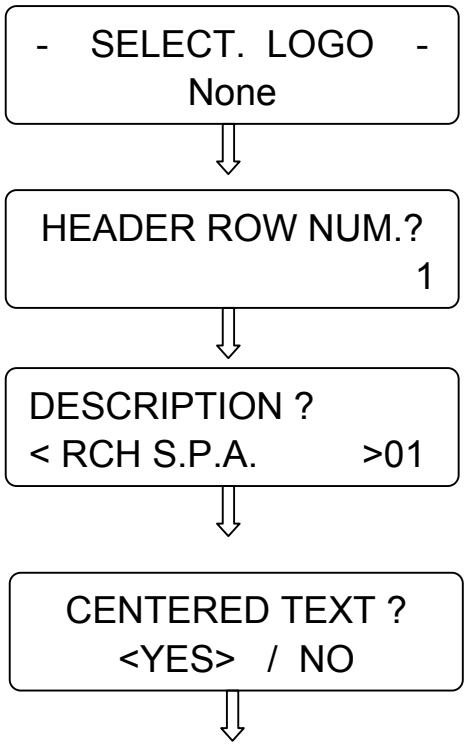
By choosing CANCEL, date and time remain unchanged.

To exit the PRG “Date/Time” function press VOID REC./VOID .

6.10 PROGRAMMING ONDA RECEIPT HEADER

In **PRG** (4 + KEY) press **%+** until ***Header Msg*** is displayed.

Press CASH to start programming:



A) Move using keys %+ and %- to choose the heading Logo to print on the fiscal receipt. Display the title associated to the Logo, then press CASH.

B) Enter a value from 1 trough 6 related to the line to re-program, then press CASH.

C) Enter the personal data using the numerical keypad, by entering a max of 24 characters, and then press CASH. (See chapter 4)

D) Choose through the keys %+ and %- if the centred printing of the wording must be enabled, then press CASH.

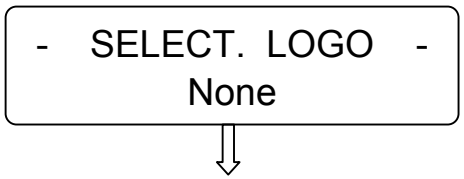
Repeat the same sequence for the next lines.

To exit the PRG “*Header Msg*” function press VOID REC./VOID .

6.11 RECEIPT FOOT PROGRAMMING

In **PRG** (4 + KEY) press **%+** until ***Footer Logo*** is displayed.

Press CASH to start programming:



Move through the keys %+ and %- top chose the Logo to print at the bottom of the fiscal receipt. Display the title associated to the Logo, then press CASH.

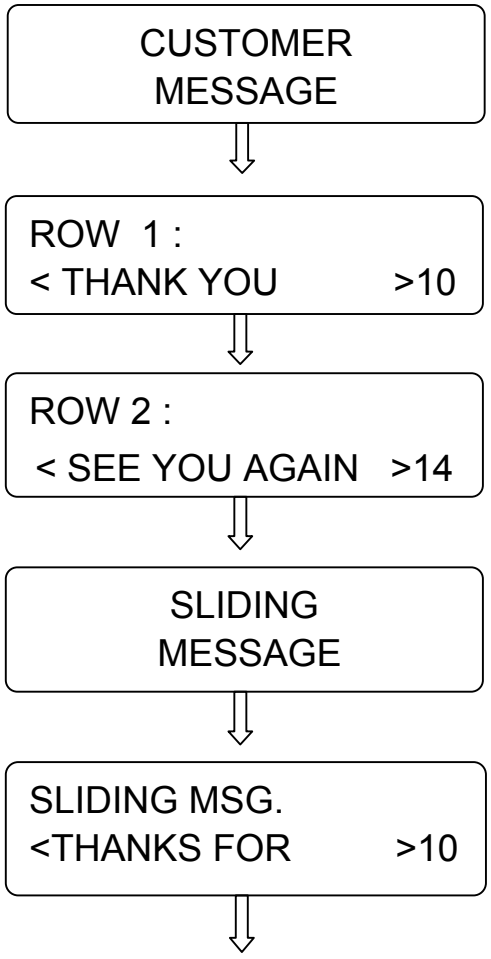
Once left PRG “*Footer Logo*” function, press VOID REC./VOID to return in PRG Set up or to continue the programming.

6.12 CUSTOMER'S MESSAGES PROGRAMMING

This programming allows programming up two courtesy lines (max 24 characters per line) that will be printed three lines under the fiscal receipt and to program also a sliding message on the customer's side display. Such displays are used to market your business. It is possible to set up the value in seconds that would allow displaying the date and the time after a few given seconds the cash counter is idle.

In **PRG** (4 + KEY) press **%+** until **"C*ustomer msg"*** is displayed.

Press CASH to start programming:



A) Enter the wording of the first courtesy line (24-character max.), and then press CASH.

[CL] = cancels the entire line

[%-] = moves to the left

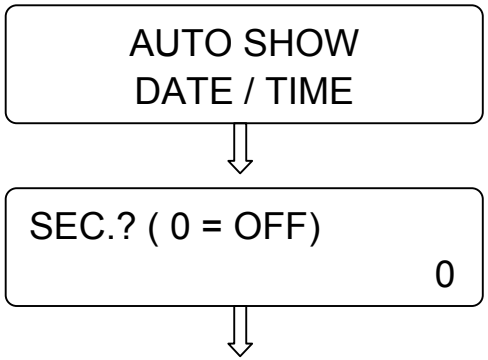
[%+] = moves to the right

[7] = Character 7 or SPACE

B) Enter the wording of the second courtesy line (24 characters max), then press CASH.

Note: if nothing must be written, press CASH without entering any character.

C) Enter the wording of the sliding advertising message (36 characters max) then press CASH.



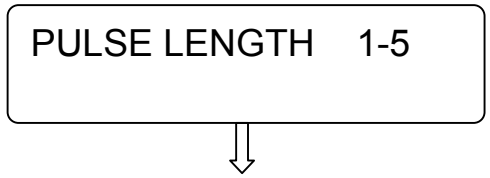
D) Set up the value in seconds that allows the automatic displaying of the date and time after a certain number of seconds the cash counter is idle, then press CASH. If not to enable, leave the value at zero, then press CASH.

Once left PRG **"C*ustomer msg"*** function, press the key VOID REC./VOID to return to Assetto PRG (PRG Set up), or continue the programming.

6.13 DRAWER IMPULSE PROGRAMMING

In **PRG** (4 + KEY) press **%+** until "***Drawer pulse***" is displayed

Press CASH to start programming:

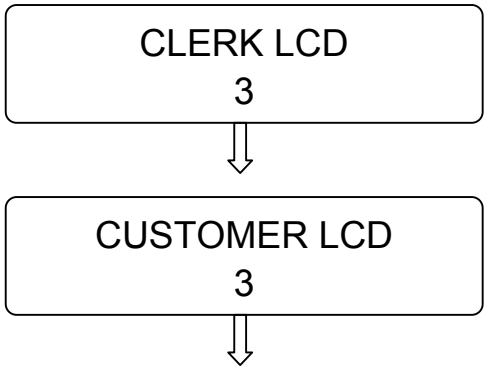


Enter a value from 1 to 5 according to the drawer, then press CASH.

Once left the PRG "*Drawer pulse*" function, press VOID REC./VOID to go back to PRG Set up, or continue the programming.

6.14 DISPLAY LCD CONTRAST PROGRAMMING

In **PRG** (4 + KEY) press **%+** until ***LCD Contrast*** is displayed.
Press CASH to start the programming:



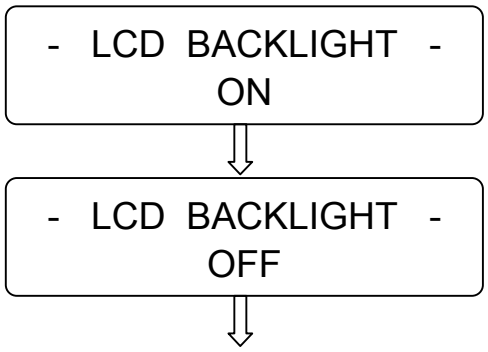
A) Slide the keys %+ and %- to display a value from 0 to 5, then press CASH.

B) Slide the keys %+ and %- to display a value from 0 to 5, then press CASH.

Once left the PRG "*LCD Contrast*" function, press VOID REC./VOID to go back to PRG function, or continue the programming.

6.15 DISPLAY LCD LIGHTING PROGRAMMING

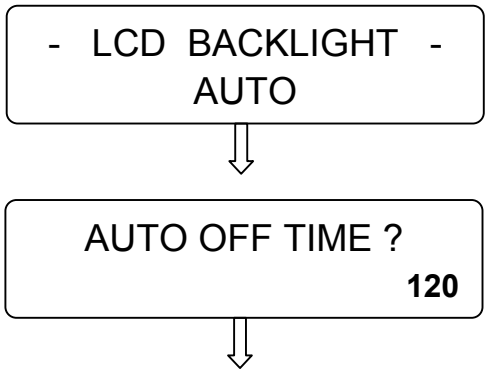
In **PRG** (4 + KEY) press **%+** until ***LCD backlight*** is displayed. Such programming allows choosing whether the displays must remain always lighted or not. Further, it is possible to set up a value in seconds that would allow switching off the displays after the cash counter has been idle for a number of seconds.
Press CASH to start the programming:



A) Slide the keys %+ and %- to alternatively display

- ON
- OFF
- Automatic

Then press CASH.



B) If "Automatic" is chosen, by pressing CASH the display views

C) Enter the value in seconds that allows the switching off of the display, and then press CASH.

Once left the PRG "*LCD backlight"* function, press the key VOID REC./VOID to go back to PRG function, or continue the programming.

6.16 PROGRAMMING RECAPITULATION

In **PRG** (4 + KEY) press **%+** until ***Setting Summary*** is displayed. Press CASH to get the printout of the programming done.

6.17 PLU RECAPITULATION

In **PRG** (4 + KEY) press **%+** until ***PLU Summary*** is displayed. Press CASH to get the printout of all programmed PLU.

7 RECORDING (REG)

In the following chapter there are illustrated a series of instructions and most common examples to issue the fiscal receipt.

To perform such operations it is required to position in REG “registrazione» through 1 + KEY

7.1 CLERK’S SETTINGS

Before starting the recording of the items, if required set up the clerk, acting as follows: press the key CLERK , and the display shows

CLERK CODE ?
1

Enter the secret code, if any, followed by a number from 1 to 4 and press again the key CLERK .

The display returns in REG showing a reference of the clerk set up. Example for clerk 2.

REG (CL2)
0,00

7.2 SALES TROUGH DEPARTMENTS

The departments may be customised by programming in PRG mode (see chapter 6.1), or may be customised through the connection to the PC using the optional software.

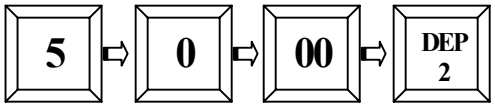
The department sales may be carried out in two ways, with free or with set price.

Top start the recording of the items, position you in REG mode.

To sell an article by free price enter the amount of the product on the numerical keypad, then press the department wished for.

Example: 50.00 onto department 2

Enter:



On the display:

DEPT 02
50.00

To sell an article carrying a pre set price press directly the department key. The memorised price will be displayed.

Example, Department 2 (with set price 50.00)

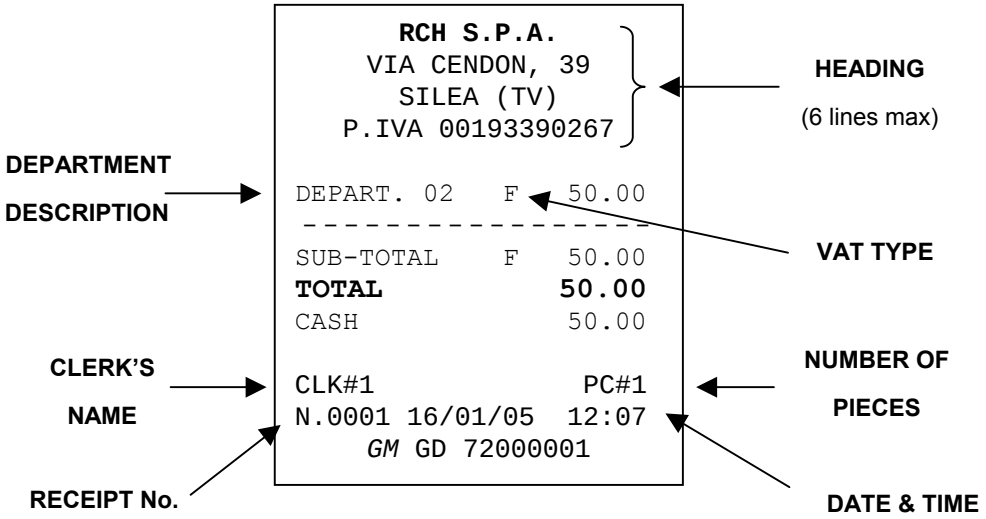
Enter:

On display:

DEPT 02
50,00

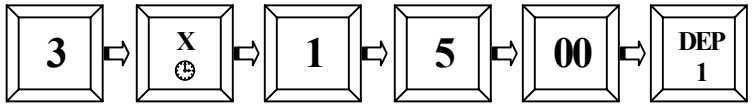
To close the receipt, press CASH.

The receipt will be the following:



7.3 MULTIPLE QUANTITIES RECORDING

To record multiple quantities enter X/◷ after entering the quantity to multiply. Example 3 articles costing 15.00 each at the department 1

Enter: 

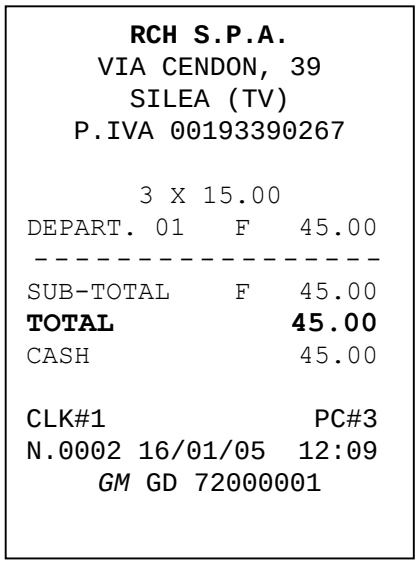
On display:

REG 3X
15,00

DEPT 01
45,00

To close the receipt, press the key CASH.

The receipt will be the following:



Note: the multiple quantities may be associated both to a department and to a PLU and consist at maximum of two integers and three decimals.

NOTE: the maximum value that may be entered is 99.

7.4 SALES THROUGH PLU

PLU are articles that may be programmed and identified by a barcode. To program the PLU see chapter 6.2, or for the loading from PC, use the optional software.

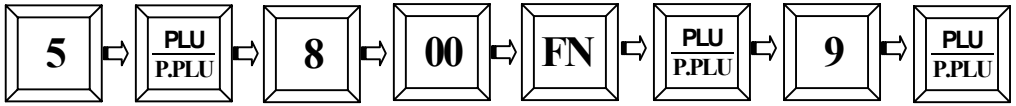
PLU are retrieved by number, or through the barcode reader that may be optionally connected.

To record the PLU follow the instructions of the following table:

PLU SALE	PLU SALE WITH OTHER PRICE
1. Enter the PLU "code" (from 1 to 1000) 2. Press the PLU key **Note**: if a scanner is used, it suffices to read the barcode on the product's label.	1. Enter the price for PLU 2. Press the keys FN and PLU PRICE 3. Enter the PLU "code" (from 1 to 1000) 4. Press the PLU key

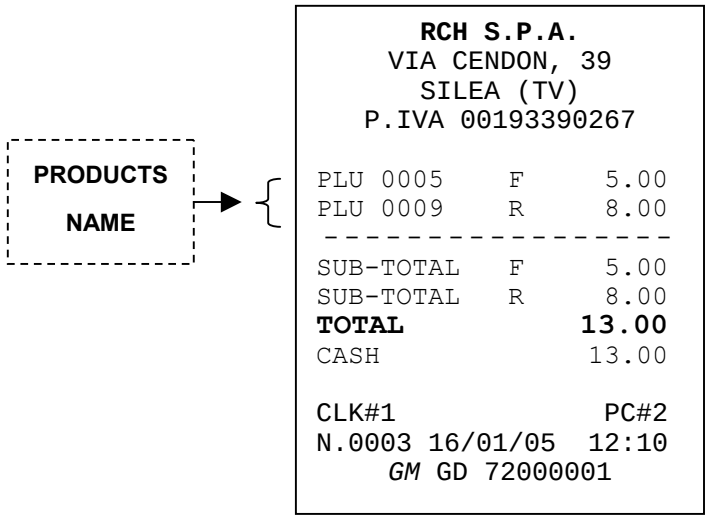
Example, Retrieve PLU5 with programmed price and PLU9 with manual entering of the price.

Enter:



Close the receipt with the key CASH.

The receipt issued will be the following:

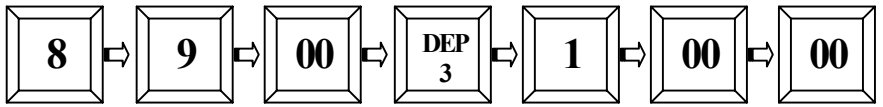


7.5 CHANGE CALCULATION

After the several recording, enter the amount received from the customer and close the transaction with a closing total.

Example, Price of 89.00 at department 3, CASH 100.00

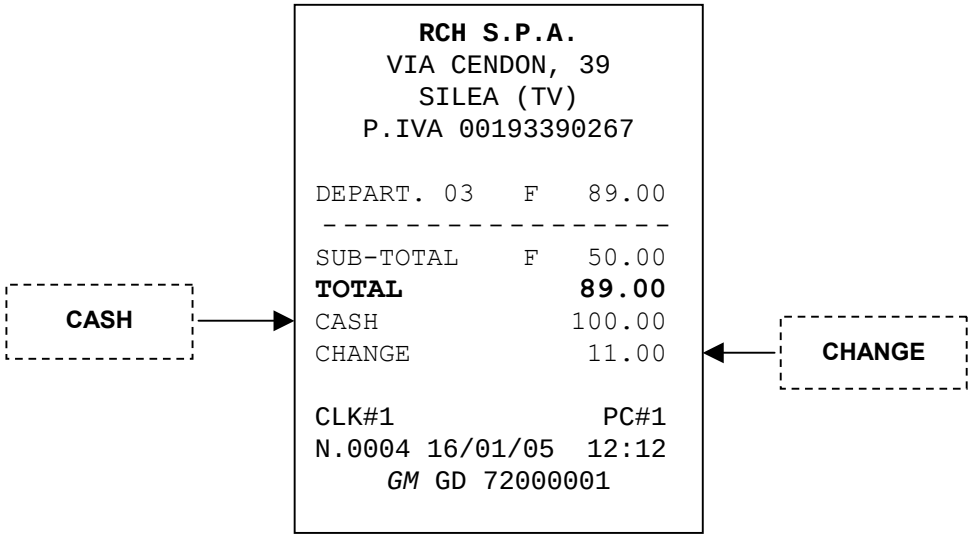
Enter:



Press the key CASH to close the receipt.

The display would show the change.

The receipt issued will be the following:



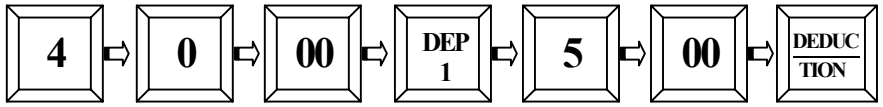
In case it is entered a value CASH lower than the total amount (example 80.00), the receipt will remain open and the display will show "LACK TO PAY 9.00".

7.6 DEDUCTIONS

To deduct enter the amount to deduct and press the key DEDUZIONI .

Example, Price 40.00 department 1, deduction of 5.00

Enter:



The deduction done is displayed.

Press the key CASH to close the receipt.

The following is the receipt issued:

DEDUCTION →

```
        RCH S.P.A.
      VIA CENDON, 39
        SILEA (TV)
    P.IVA 00193390267

DEPART. 01    F   40.00
DEDUCTION         -5.00
 ------------------
SUB-TOTAL     F   35.00
TOTAL            35.00
CASH             35.00

CLK#1             PC#1
N.0005 16/01/05  12:14
     GM GD 72000001
```

7.7 INCREASES

To do an increase of price, enter the amount to add and press the key ADDON

Example, Price 100.00 at department 2, increase of 20.00 and close with key CASH.

The display shows “CASH 120.00”.

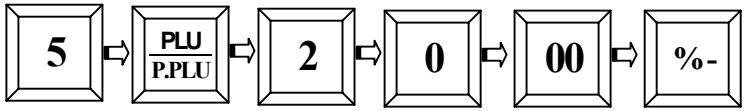
7.8 PERCENTAGE DISCOUNT

With **Onda** it is possible to discount as a percentage on each product or on the entire amount after SUB-TOTAL.

7.8.1 PRODUCT PERCENTAGE DISCOUNT

The discount on the products may be done either on the department or on the PLU.

Example, Sale with PLU5 applying a 20% discount. Enter



The display shows the discount applied to PLU.

Press the key CASH to close the receipt.

The receipt issued is the following:

```
        RCH S.P.A.
      VIA CENDON, 39
        SILEA (TV)
    P.IVA 00193390267

PLU 0005      F   33.00
DISCOUNT 20%      -6.60
 ------------------
SUB-TOTAL     F   26.40
TOTAL            26.40
CASH             26.40

CLK#1             PC#1
N.0006 16/01/05  12:16
     GM GD 72000001
```

7.8.2 PERCENTAGE DISCOUNT ONTO SUBTOTAL

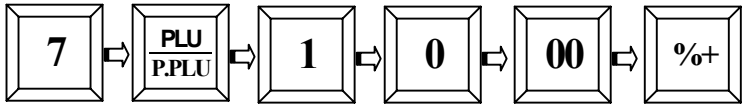
The percentage discount onto the Sub-total is performed once the recording of the articles is completed by pressing the key SUBTOTAL and entering the discount (example, 10% = 10.00), then pressing the key -% followed by CASH to close the receipt.

7.9 PERCENTAGE INCREASE

With **Onda** it is possible to do a percentage increase on the single products or the entire amount after the “SUB-TOTAL”.

7.9.1 PRODUCT PERCENTAGE INCREASE

The increase on the product may be done b y department and onto the PLU. Example, Sale with PLU7 applying the 10% increase. Enter



The display shows the increase done to PLU.

Press the key CASH to close the receipt.

The receipt issued will be the following:

```
        RCH S.P.A.
      VIA CENDON, 39
        SILEA (TV)
    P.IVA 00193390267

PLU 0007       F   16.00
ADDON 10%          1.60
 ----------------------
SUB-TOTAL      F   17.60
TOTAL              17.60
CASH               17.60

CLK#1               PC#1
N.0007 16/01/05  12:18
      GM GD 72000001
```

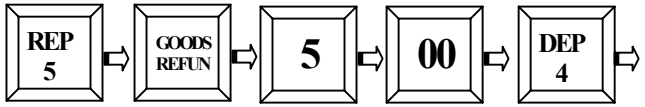
7.9.2 PERCENTAGE INCREASE ONTO SUBTOTAL

The percentage increase onto the Sub-total is done through the recording of the articles by pressing the key SUBTOTAL , by entering the increase (example 10% = 10.00) and by pressing the key +% followed by the key CASH to close the receipt.

7.10 GOODS REFUND

It is possible to return the goods to the wished department by pressing the key GOODS REFUND .

Example, Recording of an article to department 5 (pre set value 10.00), goods return 5.00 to department 4. Enter:



On display:

```
DEPT. 04
                -5,00
```

Press the key CASH to close the receipt.

The receipt issued is the following:

```
        RCH S.P.A.
      VIA CENDON, 39
        SILEA (TV)
    P.IVA 00193390267

DEPART. 05     F   10.00
-- REFUND --
DEPART. 04     F   -5.00
 ----------------------
SUB-TOTAL      F    5.00
TOTAL               5.00
CASH                5.00

CLK#1               PC#1
N.0008 16/01/05  12:20
      GM GD 72000001
```

Note: If the Goods Refund exceeds the value of the total amount of the articles sold (Subtotal), will not be possible to close the receipt. Cancel the transaction REFUND, or perform other recording bringing the Total sales to a positive figure.

7.11 VOIDS AND CANCELLATIONS

Different manners of corrections after the sale of one or more articles on Department or PLU are possible. The keys that may be used are the following:

Keys CL (CLEAN)
ANNULLO (CANCEL)
STORNO (VOID)
STORNO SCONTRINO (RECEIPT VOID).

7.11.1 CL KEY

Through the key CL it is possible:

1) Cancel the display
2) Cancelling any just set amount
3) Removing an error condition from the display

In case there were a procedure error, the machine would issue a short acoustic signal displaying the type of error.

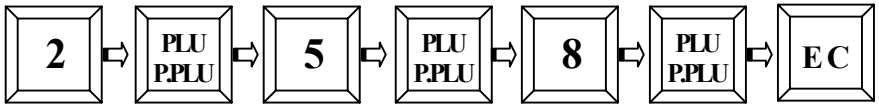
Press the key CL to remove the error.

7.11.2 CANCELLATION KEY

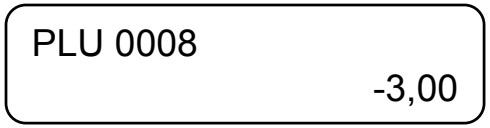
Through the key EC (CANCEL) it is possible to cancel the last sale recorded onto the Department and PLU.

Example, recording PLU2, PLU5, and PLU8 and cancellation of PLU8

Enter:



On display:



Press the key CASH to close the receipt.

The receipt issued will be the following:

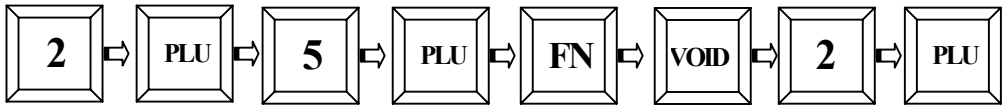
LAST TRANSACTION CANCELLED →

```
        RCH S.P.A.
      VIA CENDON, 39
        SILEA (TV)
    P.IVA 00193390267

PLU 0002     F     10.00
PLU 0005     F     20.00
PLU 0008     F    110.00
-- E.C. --
PLU 0008     F   -110.00
 ----------------------
SUB-TOTAL    F     30.00
TOTAL              30.00
CASH               30.00

CLK#1               PC#2
N.0009 16/01/05   12:30
      MG GD 72000001
```

7.11.3 VOID TRANSACTION

The key VOID is used to reverse an amount from a department previously recorded within the same receipt.

Example, recording PLU2, PLU5, and PLU8 and void of PLU2. Enter:



On display:

```
PLU 0002
                    -20,00
```

Press the key CASH to close the receipt.

The receipt issued will be the following:

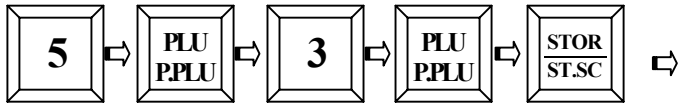
DEPARTMENT
AMOUNT
VOID

```
          RCH S.P.A.
        VIA CENDON, 39
          SILEA (TV)
      P.IVA 00193390267

PLU 0002      F     20.00
PLU 0008      F      5.00
-- VOID --
PLU 0002      F    -20.00
 ----------------------
SUB-TOTAL     F      5.00
TOTAL                5.00
CASH                 5.00

CLK#1               PC#1
N.0010 16/01/05   12:35
       GM GD 72000001
```

The key VOID REC./VOID also performs the function of “exit” from the Programming procedures (PRG mode).

7.11.4 RECEIPT VOID TRANSACTION

The key VOID RECEIPT is used to fully cancel the current receipt. Therefore, it cancels any previously recorded amounts. Example: recording with PLU 5, PLU 3 and total cancellation of the recordings. Enter:



On display:

```
VOID RECEIPT?
YES / <NO>
```

It is asked for confirmation of the choice by selecting YES or NO through keys +% -% . Select **YES** and press CASH. The receipt is closed at zero value and the display shows the message “RECEIPT VOID”.

The receipt issued will be the following:

VOID
RECEIPT

```
          RCH S.P.A.
        VIA CENDON, 39
          SILEA (TV)
      P.IVA 00193390267

PLU 0005      F    20.00
PLU 0003      F     5.00
 ----------------------
RECEIPT VOID
                   -25.00
TOTAL                0.00

CLK#1
N.0011 16/01/05   12:40
       GM GD 72000001
```

7.12 PAYMENT MODALITIES

With **Onda** different ways to pay are possible:

- CASH payment
- Payment by credit (Total 2)
- Other payment (Total 3)

The adding machines of the payment totals are managed into the FINANCIAL reports (mode X).

- Mixed payments (using more Payment Totals)

7.12.1 CASH PAYMENTS

This is the most used payment manner that allows closing the transactions against cash.

Carry out the various recordings and press CASH.

The display shows the word "CASH" and the amount to collect.

7.12.2 CREDIT PAYMENTS

This is a manner that allows closing against credit the fiscal receipt and for which the cash in the CASH COUNTER adding machine does not increase. Press the key CREDIT after the various recordings.

The display shows the wording "CREDIT" (TOTAL 02) (default wording. For the programming refer to chapter 6.3) and the total of the receipt.

Note: the credit key is given a payment default mode. However, as any other payment types, it may be fully re-programmed.

7.12.3 OTHER PAYMENTS

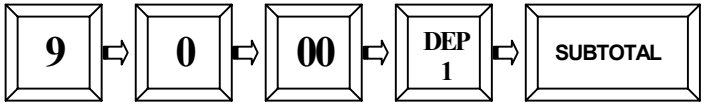
Totale3 that may be freely programmed allows closing a receipt, as an example, by TOTAL 3 CHEQUES or any other description and setting according to the single needs.

7.12.4 MIXED PAYMENTS

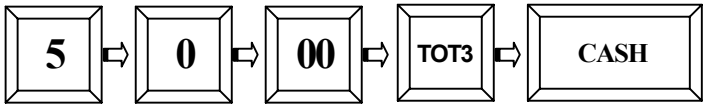
With **Onda** mixed payments are possible, (as an example, a partial payment in CHEQUES and the remaining payment by cash).

To make a mixed payment, at the end of the recordings of the articles, enter the amount received in cheques by the customer and press the key TOTAL 3 , followed by the cash amount and the entering of the key CASH.

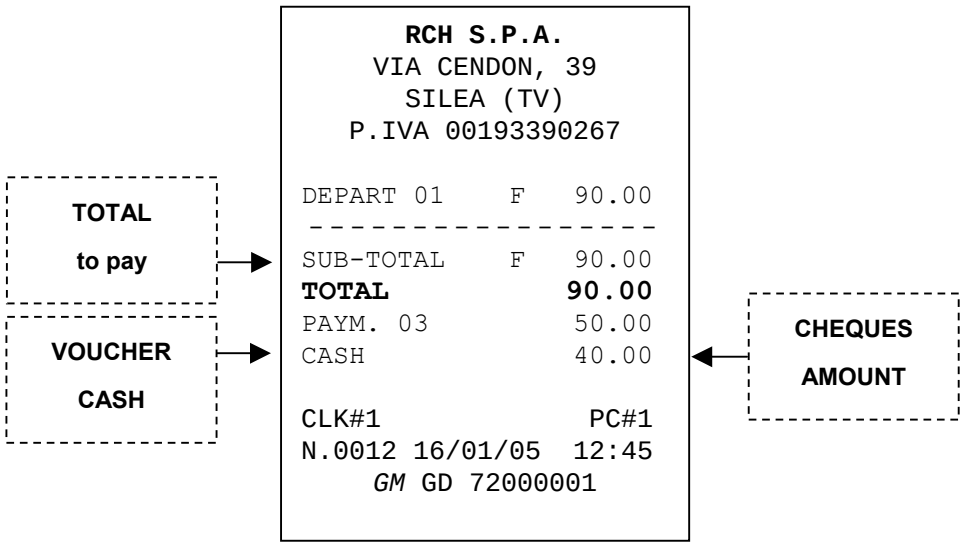
Example, amount 90.00 at department 1, of which 50.00 are collected by cheque and the remaining amount is paid cash. Enter:



Enter the amount received:



After pressing the key TOT3 the word "40,00 LACK TO PAY " is displayed to indicate an incomplete collection. Then press the key CASH. The following receipt will be issued:



7.12.5 LAST SALE VIEWING

It is possible, once the receipt is closed, to retrieve on display the amount of the last sale just pressing the key CASH.

Always with closed receipt it is possible to know on display the change to return to the customer, by entering the value of the amount collected and pressing the key CASH.

7.12.6 LAST TWO SALES TOTAL AMOUNT

It is possible, once the receipt is closed, to retrieve on display the amount of the last two sales, by merely pressing the key SUBTOTAL. In this way it is possible to verify the amount of two fiscal transactions, not-fiscal transactions, or a fiscal and a not-fiscal transaction (Receive Amount).

Always with closed receipt it is possible to know on display the change to return to the customer, by entering the value of the amount collected and pressing the key SUBTOTAL.

7.13 CASH COUNTER RECEIVE AMOUNT AND PAID OUT

Receipts and withdrawals from the cash counter are possible (example cash counter fund), respectively using the key R/A (R/A = Received amount) and P/O (P/O= paid out).

To operate a **Received Amount**, in REG mode, enter the amount to enter into the cash counter and press the key R/A . A not fiscal receipt is issued (see figure 1) bearing the printout of the transaction. The CASH COUNTER adding machine is then updated.

To operate a **Paid Out**, in REG mode, enter the amount to withdraw from the cash counter and press the key P/O . A not fiscal receipt is issued (see figure 2) bearing the printout of the transaction. The CASH COUNTER adding machine is then updated.

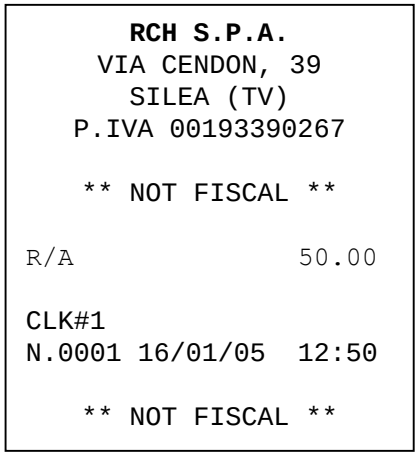


Fig.1

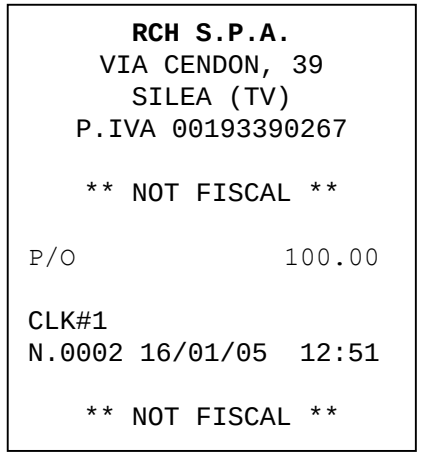


Fig.2

The receipts and withdrawal transactions are memorised on specific daily adding machines and printed onto the financial report.

7.14 FISCAL CODE AND ALPHANUMERICAL STRING

To print an alphanumerical line or the customer's fiscal code into the receipt, follow the following instructions in REG mode (1 + KEY);

7.14.1 FISCAL CODE PRINTOUT

Before starting the recording of the articles, it is necessary to enter the fiscal code by pressing the key FISCAL CODE. The display shows

```
FISCAL CODE ?
<_                    >01
```

Enter the fiscal code using the numerical keys (see chapter 4). Once entered the characters, press the key CASH. The program will verify the correctness of the data entered. On the contrary it will ask for re-entering the code. If the code F.C. or VAT code has been properly entered, it will be printed on the receipt (figure 3).

```
        RCH S.P.A.
      VIA CENDON, 39
        SILEA (TV)
       MODELLO ONDA

F.C. 00193390267
DEPART. 01    F    50.00
 ----------------
SUB-TOTAL     F    50.00
TOTAL              50.00
CASH               50.00

CLK#1              PC#1
N.0013 16/01/05   12:49
     GM GD 72000001
```

FISCAL CODE PRINTOUT

NOTE: the fiscal code may be entered with a receipt being worked. However, the printout will be performed at the end of the recordings.

7.14.2 ALPHANUMERICAL STRING PRINTOUT

Within a receipt, it is possible to print one or more alphanumerical lines, during the recording of the articles. For the insertion press the key FN and ALPHA PRINTOUT.

The display would show

```
TEXT?
<_                    >01
```

Enter the characters (max 23) using the numerical keys (see chapter 4). Once the operation to enter the characters is completed, press the key CASH. The line is printed on the fiscal receipt (figure 4).

```
        RCH S.P.A.
      VIA CENDON, 39
        SILEA (TV)
       MODELLO ONDA

#12345ABCDEFG
REPARTO 01    F    50.00
#56789LMNOPQR
DEPART. 02    F    30.00
------------------
SUB-TOTAL     F    80.00
TOTAL              80.00
CASH               80.00

CLK#1              PC#2
N.0014 16/01/05   12:50
     GM GD 72000001
```

ALPHANUMERICAL LINE

Figure 4

8 READINGS – X MODALITY

To read the statistics of the sales, both daily and periodic sales apply position in mode **X** by entering 2 and KEY .

The following reading is available:

Daily FULL Reports	
Daily DEPARTMENTS	**Periodic DEPARTMENTS**
Daily PLU	**Periodic PLU**
Daily CLERKS	
Daily VAT	**Periodic VAT**
Daily HOURLY	
Daily FINANCIAL	

In mode **X**, press the key +% to access the circular menu and to see, one by one, said items. If we are interested, once the item in is displayed, press CASH to print the report.

All the receipt issued in reading mode "X" are *not fiscal*.

To exit the menu, press the key VOID REC./VOID.

8.1 DAILY READING

In reading mode "**X**" slide the menu with the key %+ until "***Daily Report*** " is displayed, then press CASH.

Onda prints the following data in the same layout of the Fiscal Daily Report:

- Reading of the net daily sales and rate VAT
- Reading of any decrease and increase (by value and percentage)
- Reading of Cancellations, Void, and Refund
- Reading of fiscal data (number of fiscal daily report and fiscal receipts)

Note: It is possible have a few statistic reports printed before these data. To enable the printout, please refer to chapter 6.8.

8.2 DEPARTMENTS DAILY READING

In the daily departments reading, it is printed the number of the pieces together with the daily sales value by each single department.

Example of daily departments reading

```
** NOT FISCAL **
DAILY DEPT. AMOUNT
DEPART. 1          1.00
  Q.1
DEPART. 2          2.00
  Q.1
DEPART. 3          3.00
  Q.1
----------------------
TOT.               6.00
  Q. 3

CLK#1 MARIO
N.0001 16/01/05  12:50
** NOT FISCAL **
```

8.3 DEPARTMENTS PERIODIC READING

In the departments periodic reading, it is printed the number of the pieces and their cumulative value of the sales by each department. Data may be deleted only by printing the same report, key Z (3 KEY).

8.4 PLU DAILY READING

In the daily PLU reading, it is printed the number of pieces sold during the day together with their cumulative value by each PLU.

PLU daily reading example

```
** NOT FISCAL **
DAILY PLU AMOUNT
PLU 0001          10.00
  Q.1
PLU 0002          20.00
  Q.1
----------------------
TOT.              30.00
  Q. 2

CLK#1 MARIO
N.0002 16/01/05  12:51
** NOT FISCAL **
```

8.5 PLU PERIODIC READING

In the PLU periodic reading, the number of the pieces sold together with their cumulative value is printed by each PLU, starting from the last fiscal daily reportsof the report. Data may be zeroed only by printing the same report, key Z (3 KEY).

8.6 CLERKS DAILY READING

In the clerks daily reading, the number of the receipts issued and the daily sales values are printed by clerk.

Clerks daily reading example

```
** NOT FISCAL **
CLERKS AMOUNT

MARIO              36.00
  Q.2
----------------------
TOT.               36.00
  Q. 2

CLK#1 MARIO
N.0003 16/01/05  12:52
** NOT FISCAL **
```

8.7 VAT DAILY READING

In the VAT daily reading, the daily sales, broken down into the different VAT brackets set up are printed, together with the segregation of the taxable amount.

VAT daily reading example

```
** NOT FISCAL **
DAILY VAT AMOUNT

TAX-FREE            0.00

TO TAX. 10%        10.00
TAXABLE             9.09
VAT F               0.91

TO TAX. 20%        26.00
TAXABLE            21.67
VAT R               4.33

CLK#1 MARIO
N.0004 16/01/05  12:54
** NOT FISCAL **
```

8.8 VAT PERIODIC READING

In the VAT periodic reading, the VAT taxable amount is printed broken down into the different VAT bracket set up and related segregation of the taxable amount. Data may be zeroed only by printing the same report, key Z (3 KEY).

8.9 DAILY HOURLY READING

In the daily reading by time (hourly amounts), solely the periods where the daily fiscal receipts were issued are printed. Each period bears the number of receipts issued and the daily sales.

Hourly daily reading example

```
** NOT FISCAL **
HOURLY AMOUNTS

10:00-10:59         6.00
  Q. 1
11:00-11:59        30.00
  Q. 1
----------------------
TOT.               36.00
  Q. 2

CLK#1 MARIO
N.0005 16/01/05  12:55
** NOT FISCAL **
```

8.10 FINANCIAL TOTAL DAILY READING

In the financial total daily reading, the collections of the day are divided into the three manners available, both for receive amount and paid out. Onda prints each amount and related number of the receipts issued.

Financial daily reading example

```
** NOT FISCAL **
FINANCIAL AMOUNT

CASH               20.00
  Q.2
CREDIT             10.00
  Q.1
PAYM. 03            6.00
  Q.1
----------------------
TOT.               36.00
  Q. 4

R/A                20.00
  Q. 1
P/O                 5.00
  Q. 1
CASH IN DRAW       41.00

CLK#1 MARIO
N.0006 16/01/05  12:57
** NOT FISCAL **
```

9 FISCAL DAILY REPORT, FISCAL MEMORY AND ELECTRONIC JOURNAL READING (E.J.)

To set to zero the daily and periodic sale data, enter in **Z** mode by keying in the key 3 + KEY . The fiscal daily report operation sets to zero the data of all the other daily reports, meanwhile it is possible to set to zero the regular adding machines of the single report according the personal needs.

To enter the circular menu press the key +% .

Sliding the menu with the keys +% and -% it is possible:

Performing the following resetting (cancel of previous memorised data):

- **FISCAL DAILY REPORT**
- **Daily DEPARTMENTS**
- **Periodic DEPARTMENTS**
- **Daily PLU**
- **Periodic PLU**
- **Daily CLERKS**
- **Periodic VAT**
- **Daily HOURLY**

Performing the following readings of the fiscal memory

- **Full fiscal memory**
- **Fiscal memory between date and date**
- **Fiscal memory with total between date and date**
- **Fiscal memory from cumulative to cumulative**

Performing the following printouts of the electronic journal (E.J.):

- **Full DGFE**
- **DGFE between date and date**
- **DGFE from fiscal receipt number to number**

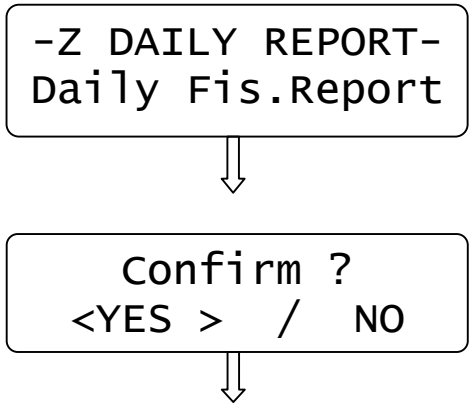
Performing some specific functions onto DGFE

- **Sending DGFE data to PC**
- **Initialling a new DGFE (refer to chapter 13)**
- **Free space on E.J. (%) (refer to chapter 13)**

9.1 DAILY FISCAL REPORT

To perform the fiscal daily report and to set to zero the data of the sold items, enter in Z mode (3 KEY) and press the key +%

The following is displayed



A) Press CASH.

B) Choose YES or NO (key +% or -%) and press CASH.

Onda prints the data related to the daily sold items, increasing the counter of the fiscal daily reportand updating the Adding Machines.

Enabling the printout of the not fiscal reports (refer to chapter 6.8) it is possible the print before the fiscal daily reportthe statistical data one is interested in (example, daily Departments).

NOTE: the fiscal daily report receipt must be kept according to the terms in the Law.

The fiscal daily report operation sets to zero the data of the reports *Daily DEPARTMENTS, PLU, CLERKS, VAT and HOURLY.*
If a single report is set to zero previously, in **Z** set up (3 KEY), press the key +% until the report wanted is displayed, then press CASH.

To set to zero the Periodic reports (Departments, PLU and VAT), display the report wanted, (using the keys %- and %+), then press CASH.

9.1.1 DAILY FISCAL REPORT: PRINTOUT EXAMPLE

```
          RCH S.P.A.
        VIA CENDON, 39
          SILEA (TV)
        MODELLO ONDA

     DAILY FISCAL REPORT

DAILY AMOUNT
                  59.00
GLOBAL AMOUNT
                 439.90

NET E               0.00
NET F              19.05
NET R              35.14
NET B               0.00
NET C               0.00

NET TOTAL          54.19

VAT E (0%)          0.00
VAT F (5%)         19.05
VAT R (11%)        35.14
VAT B (0%)          0.00
VAT C (0%)          0.00

SUM OF VAT          4.81
------------------------
GROSS TOTAL        59.00

REFUND              2.00
VOID/E.C.           1.00
RECEIPT VOID        9.99
DISCOUNT            2.00
ADDON               1.00
% DISCOUNT          2.00
CREDITS             0.00
--------------------
DAILY FISCAL REP N  0007
FISCAL RECEIPTS     0006
NOT FISCAL DOCS     0003
F.M. READINGS       0000
--------------------
N.0006  08/02/05   19:35

HW INIT             0001

E.J.:01 FISCAL SEAL:0390

      GM DG 72000001
```

Note: *Before printing the Fiscal Daily Report, verify the state of the paper roll and, if required, replace it (presence of the red line or finishing soon).*

Total of fiscal sales

GT (Cumulative Total)

NET Sales

VAT Rate net Sales

Cancellation, Refund,Void
Discounts and Increases
Total of consideration by credit

Performed daily fiscal report
Fiscal receipts issued
Not fiscal receipts issued
Fiscal memory readings

Fiscal receipts number, daily report date and time

Number of reset performed by the technician (max. 200)

Electronic journal cumulative number and fiscal seal of the daily reports

9.2 FISCAL MEMORIES READINGS

To perform the reading of the fiscal memory, enter in Z mode (3 KEY) and repeatedly press the key +% until the following is displayed

```
-Z DAILY REPORT-
Full FM
```

Press CASH.

Onda starts the printing from the full fiscal memory. If required, use the key CL to exit the current printout.

Instead, to use other reading procedures of the fiscal memory, press the key +% until the function wished for is displayed.

For "**from date to date**" type readings Onda ask for separate entering of the two dates, displaying, singly, the request to enter the day, the month, the year, and confirming every time the data through the key CASH.

For readings **"from fiscal daily reports number to number"** Onda asks for the separate entering of the two fiscal daily report at the beginning and at the end of the reading. Confirm the data with the key CASH.

```
          RCH S.P.A.
        VIA CENDON, 39
          SILEA (TV)
       P.IVA 00193390267

     F. M. FULL READ

E.J. #. 01  INITIALISED
DATE 10/01/05 TIME 18:30
------------------------
DFR.N.0001 DATE 10/01/05
NET E               0.00
NET F               9.09
NET R              19.23
NET B               0.00
NET C               0.00

VAT                 1.68
------------------------
GROSS TOTAL        30.00

DFR.N.0002 DATE 11/01/05
NET E               0.00
NET F              40.91
NET R              48.08
NET B               0.00
NET C               0.00

VAT                 6.01
------------------------
GROSS TOTAL        95.00

************************
      GRAND TOTALS
************************

NET E               0.00
NET F              50.00
NET R              67.31
NET B               0.00
NET C               0.00

VAT                 7.69
------------------------
GROSS TOTAL       125.00

CLK#1
N.0001  11/01/05   23:54

      GM GD 72000001
```

9.3 ELECTRONIC DAILY READINGS (ELECTRONIC JOURNAL)

To perform the full reading of the electronic journal, enter in Z (3 KEY) mode and press the key +% until is displayed

```
-Z DAILY REPORT-
   Full E.J.
```

Press CASH.

⇩

Onda starts the full printout of the electronic Journal. If required, use the key CL to exit the current printout.

Instead, to use any other reading procedures of the electronic journal, press the key +% until the wanted function is displayed.

To read "**E.J. between date**" Onda asks for entering the two dates separately, displaying singly the request to enter the day, the month, the year and confirming the data every time through the key CASH.

To read **"E.J. between receipt"** Onda asks for entering the two voucher numbers separately (beginning and end of reading), of the day, of the month, of the year. Confirm the data every time through the key CASH.

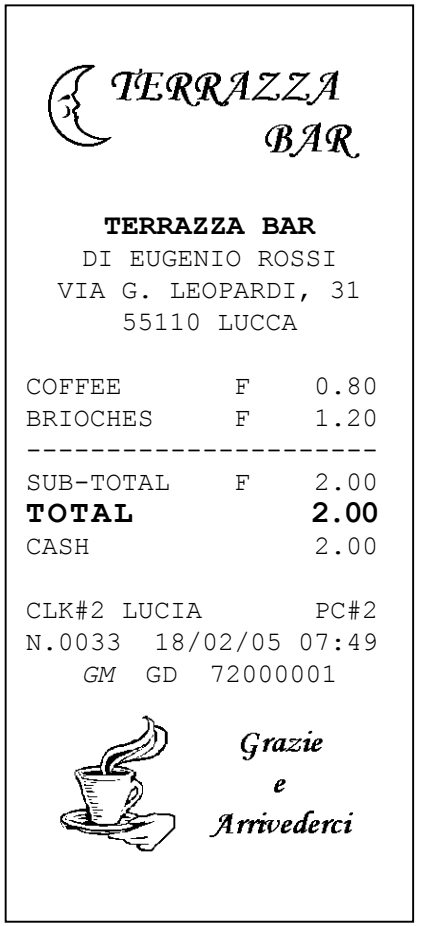
Reading **"send E.J. to PC"** is an operation reserved to the service centre, through the use of the PC and the HyperTerminal program, for the full transfer of the data of the E.J. electronic journal onto the PC.

Note: to read an old E.J. it is possible to use the same procedures, by removing the current E.J. and entering the one to read. Once the reading is finished, re-enter the current E.J. and continue the recordings.

10 GRAPHIC LOGO

At the beginning and at the end of the fiscal receipt it is possible to enable a black and white graphic logo. Such logos may be customised for the outlet and loaded through the PC (max 2 logos). To load a customised Logo on the heading and/or at the bottom, ask for information RCH service centre. Onda, in any case, includes some logos that may be printed at the end of the receipt (refer to chapter 6.11 Pressure Foot to enable the printout).

Example of receipt with printout of graphic logos at the beginning and at the end.



11 TIME/DATE DISPLAYING

To display the hour and the date, in REG mode (1+ KEY) press the key X/🕒 .

The machine will show on both displays the current date and time.

```
23-03-2005
09:18:51 * 12.1V
```

Example of displaying of date and time on the clerk's display.
The asterisk states "the solar time".

Note: the machine displays the date and the time only if no recording is carried out. (refer also to chapter 6.12)

11.1 LEGAL TIME AND SOLAR TIME

With Onda it is not necessary to move manually from the solar time to the summer time or vice versa. In fact the automatic change function is integrated to it upon restarting the cash counter, upon condition that the fiscal data are zeroed with a fiscal daily report. On the next switching on of the cash counter the clerk's display will show one of the following messages:

```
AUTO  SET
LEGAL TIME  [CL]
```

```
AUTO  SET
SOLAR TIME  [CL]
```

Press the key CL and continue the recordings.

12 REPLACEMENT OF THE PAPER ROLL

The cash counter is set to signal the end of the paper through a sensor. When during the printout the sensor detects the absence of paper the display will show:

```
E60: PAPER OUT
Press  [CL]
```

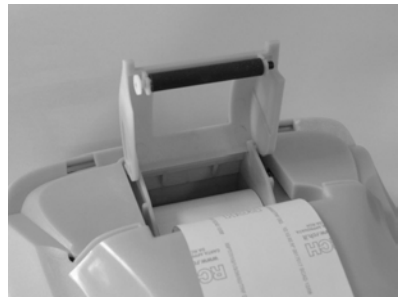
replace the paper roll (refer to following procedure) and press CL to continue the recordings.

To avoid changing the paper roll with an open receipt, it is preferable to change it upon the coloured strips appear.

Note: it is possible using the function STORNO SCONTRINO (RECEIPT VOID) to cancel the current receipt and to issue a full new one, recording again the items.

To properly replace the paper roll, follow the procedure:

- Take away the two parts of the cover applying the force on the specific side slots
- Open the inside cap that contains the paper roll, putting the fingers in the specific port and applying force towards the upper part to lift the cover
- Remove the core of the paper roll
- Insert a new paper roll and let the upper edge exit



- Close the cap and hear the closing click.
- Reposition the upper cover
- Continue the recordings.

13 REPLACEMENT OF THE ELECTRONIC JOURNAL

Onda use a Multi Media Card (MMC) like Electronic Journal (E.J.), instead that “old” roll paper. The E.J. stored inside memory all fiscal receipts printed by Onda and then we can read data by functions on cap. 9.3.

When E.J. is about to finish, few days before the full memory in MMC, Onda displays the warning messages accompanied by acoustic signals (beep). These signals are repeated more frequently if the registration of items continues keeping the already full MMC (E.J.).

To verify the space available in the MMC utilised as electronic Journal, carry out the following operation: enter in Z mode (3 KEY), press twice key -% to see on display **“ E.J. free space”** then press CASH.

The display shows the available space, as a percentage, in MMC to carry data.

```
FREE SPACE
ON E.J. = 20%
```

To replace the electronic journal (E.J.), overturn Onda, extract the full MMC and insert a new one, taking care that it went to stick to the specific fixing tooth and to have previously filled up the label.

Switch on Onda, enter in Z mode (3 + KEY) and slide the menu with the key +% up to the item “ E.J. Initialling ”.

The display shows

```
-Z DAILY REPORT-
Inizialize E.J.
```

A) press CASH

```
INSERT NEW MMC
Press a key
```

B) Extract the used MMC and insert a brand new MMC. Press CASH

After a few seconds a not fiscal receipt is printed with data referred to the initialling of the new E.J. support.

Press the key VOID REC./VOID to exit the menu.

Press 1 + KEY to go back to Recordings mode.

Continue with the recording of the items.

13.1 FILLING UP THE LABEL

The label on the electronic journal support (E.J.) must be duly filled up before utilising the MMC. Enter the following data:

• Cash counter serial number • Cumulative number of the electronic journal (E.J.)	

13.2 PRUDENCE IN OPERATING THE MMC

- Do not operate the MMC if the Onda feeder is insufficient (Hawkers version with outside battery)
- Do not remove MMC when transferring the data or while the device is ON (except in the procedure of replacement of full MMC)
- Do not take away the feeder to the machine during the reading/writing of the data in the MMC
- Do not force the insertion (and extraction) of the MMC in the connector
- Keep MMC clear of any source of heat and humidity and do not place it in the open sun.

14 ERROR MESSAGES LIST

CODE	***DESCRIPTION***
E01	**“VALUE NOT VALID [CL] ”** It Indicates that the last key pressed is not matching the current procedure
E02	**“WRONG FUNCTION Press [CL] "** It indicates an error in the current procedure. Press CL and verify again the entering of the data.
E03	**“WRONG DATE Press [CL] "** The format of the date entered is incorrect (refer to chapter 6.7)
E04	**"WRONG TIME Press [CL] "** The format of the hour entered is incorrect (refer to chapter 6.7)
E05	**"WORD TOTALE NOT ADMITED [CL] "** It is not possible to program a word including the word TOTALE.
E06	**"BARCODE WRONG [CL] "** It Indicates that the barcode entered is wrong. Press CL and verify the code again.
E07	**"FISCAL CODE WRONG [CL] "** It Indicates that the barcode entered is wrong. Press CL and try again.
E10	**"MMC FORMAT NOT CORRECT! [CL] "** It Indicates that the MMC entered is other than the type supplied by RCH. Enter only MMC supplied by RCH.
E11	**“MMC ALREADY USED! [CL] "** It Indicates that the (electronic journal) inserted is not brand new. Insert another brand new MMC.
E12	**"E.J. ABSENT OR WRONG [CL] "** It indicates that MMC is missing (electronic journal), or that the E.J. cumulative number is wrong. Insert a new MMC or the proper E.J..
E14	**“MMC WRITE ERROR!”** It indicates that an error occurred during the writing of the data onto the electronic journal (E.J.). Switch off and switch on again the cash counter, fully cancelling the current receipt (Receipt void). Should the problem appear several times, contact the service centre.

E20	**"WRONG SEQUENCE Press [CL] "** It indicates that the pressure onto the last pressed key is incorrect in the sequence of the current commands.
E21	**“OPERATION NOT ADMITED! [CL] "** It indicates that the last operation performed is not allowed by the current procedure.
E22	**“ITEM NOT FOUND [CL] "** It indicates that the item code (PLU) entered is not in the cash counter memory. Verify the code.
E23	**"CONTROL KEY MISSING [CL] "** It means that one or more mandatory keys are missing. The mandatory keys (or control keys) are: CASH, SUBTOTAL, %+, % - and receipt Void. They must always be present.
E30	**"E.J. FULL! Press [CL] "** It indicates that the electronic journal (MMC) is finished. Replace MMC (refer to chapter 13).
E31	**"E.J. NEAR FULL [CL] "** It indicates that the electronic journal (MMC) is almost full and that must be changed the soonest possible (refer to chapter 13).
E40	**"NEGATIVE RECEIPT [CL] "** The Cash counter accepts that the subtotal may be negative. However, it prevents the receipt from being closed. Sell further items to close the receipt at zero or with a positive balance.
E41	**"OVERFLOW RECEIPT [CL] "** The amount of the current receipt has exceeded the allowed limit. Cancel the receipt or close it and open a new one concerning the non-registered items.
E42	**"DAILY NET OVERFLOW [CL] "** The SALES adding machine has reached its limit. Close or cancel the current receipt and perform a fiscal daily report.
E43	**“PROGR NET OVERFLOW [CL] "** The Cash counter has reached the maximum value that may be reached as Grand Total. Close or cancel the current receipt and ask for RCH service.

E44	**"ITEMS OVERFLOW [CL] "** It indicates it has reached the maximum number of items that may be recorded onto the current receipt. Close the receipt and open a new one to record the missing items.
E45	**“CHANGE NOT ADMITED [CL] "** The closing total utilised is programmed not to accept any change. Use another Total or re-program the one used.
E51	**"FISCAL MEMORY ALREADY SET [CL] "** Performing the serialisation procedure is not possible (already done by the manufacturer).
E52	**"DATA NOT CLEARED [CL] "** It indicates that before continuing performing a fiscal daily reportis mandatory.
E53	**"PREVIOUS DATE [CL] "** It indicates that during the cash counter reinstatement, a date prior to the last fiscal daily reporthas been entered.
E54	**“NO DAILY REPORT [CL] ”** It indicate that you haven’t done the fiscal daily report about the day before. Do a fiscal daily report.
E60	**"PAPER OUT Press [CL] "** It indicates that the paper roll has finished. Replace the roll paper as indicated in chapter 12 of the operating manual.
E61	**“HEAD ERROR Press [CL] "** It indicates that the thermal head connector (printer) is disconnected from the printer logic card.
E62	**“POWER ERROR Press [CL] "** It indicates that the cash counter is improperly fed. Contact RCH service centre to verify the feeder.
E63	**“PRINTER ERROR Press [CL] "** It indicates anomalous printer operations. It may indicate the incorrect closing of the upper part or that some connectors are disconnected from the logic card. Should the problem continue, contact RCH service centre.
E64	**“HEAD UP [CL] "** It indicates that the replacement of the paper roll was improper. Read again chapter 12 of the operating manual. Should the problem continue, contact RCH service centre.
E65	**"CUTTER ERROR [CL] "** It indicates the presence of paper stuck in the cutter. Remove the paper and press CL . Should the problem continue, contact RCH service centre.

E70	**“LOW BATTERY [CL] ”** The battery is down; re-charge the battery and continue the sales.
E80	**"FISCAL MEMORY NOT CONNECTED"** It indicates that the fiscal memory is disconnected. Contact RCH service centre to reinstate its working.
E81	**“ERROR READ FISCAL MEMORY"** It indicates a problem to access the fiscal memory. Switch off and switch on again the cash counter. Should the problem continue, contact RCH service centre.
E82	**“ERROR WRITE FISCAL MEMORY"** It indicates a writing problem onto the fiscal memory. Contact RCH service centre.
E83	**“FISCAL MEMORY FULL!"** It indicates that all the settings to zero available have been completed (2000). Call RCH service centre.
E84	**"FISCAL MEMORY NOT SERIALISED "** It indicates that it is not possible to subject the cash counter to taxes, as fiscal memory has not the series number.
E85	**“DISPLAY LCD NOT CONNECTED"** It indicates that the display is disconnected: Contact RCH service centre to control the display.
E86	**“ERROR MEMORY RAM."** There has been a malfunctioning on the cash counter RAM memory. Contact RCH service centre to reinstate the system.
E87	**“RAM ERROR / FISCAL MEMORY ”** There has been a malfunctioning between the cash counter RAM memory and the fiscal memory. Contact RCH service centre to reinstate the system.

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